MONTHLY

BIBLIOGRAPHY ON EXOTIC ANIMAL DISEASES

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EXPLANATORY NOTE

1. ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY DISEASE.
2. DISEASES ARE INDICATED AT THE BEGINNING OF EACH GROUP.
3. UNDER DISEASE, ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY AUTHOR'S NAME.
4. ON THE RIGHT MARGIN, "PIL", "NUMBER", AND "LIBRARY CLASSIFICATION CALL NUMBER" INDICATE ARTICLE APPEARS IN A PERIODICAL (JOURNAL) IN THE LIBRARY, PUBLICATION IS AVAILABLE IN THE "REPRINT-FILE" UNDER THE INDICATED NUMBER, AND BOOK IS AVAILABLE IN THE LIBRARY.

AFRICAN HORSE SICKNESS

BRUERE, A.N.
Overseas disease; N.Z. horse breeders should know about.
New Zeal. Meat Prod. 12(2):40, 1967.
Bibliogr. Agr. 32(6):77(57563), 1968. PIL

GOLDSMIT, L.
Studies on the cultivation of African horsesickness virus strains in in vivo and in vitro systems and their use for vaccine purposes.
Thesis-Hebrew Univ., Jerusalem, 66 p., 1965. #8073

AFRICAN SWINE FEVER

BOHM, O.
African swine fever.
(Sl) Soc. Kmetijstvo Gozdarstvo 18(9):209-212,1967.
Bibliogr. Agr. 32(5):112(47508), 1968. PIL

FIOLIC, N., ALERAJ, Z., and ZELJKO, M.
African swine fever.
(Se) Vetserum 5/6:292-296,299-301, 1967.
Includes diagnosis and control.
Bibliogr. Agr. 32(5):113(47533), 1968. PIL

MOULTON, J., and COGGINS, L.
Comparison of lesions in acute and chronic African swine fever.
Cornell Vet. 58(3):364-388, 1968. PIL

CAPRINE PLEUROPNEUMONIA

COLE, B.C., WARD, J.R., and MARTIN, C.H.
Hemolysin and peroxide activity of *Mycoplasma* species.
J. Bacteriol. 95(6):2022-2030, 1968. PIL

CONTAGIOUS AGALACTIA OF SHEEP AND GOATS

COTTEW, G.S., and others.*
Differentiation of *Mycoplasma agalactiae* from other mycoplasmas of sheep and goats.
J. Comp. Pathol. 78(3):275-282, 1968.
*W.A. Watson, F. Arisoy, O. Erdag, and L.S. Buckley. PIL

CONTAGIOUS AGALACTIA OF SHEEP AND GOATS

WATSON, W.A., and others.*
The pathogenicity of mycoplasma organisms isolated from sheep and goats in Turkey.
J. Comp. Pathol. 78(3):283-291, 1968.
*G.S. Cottew, O. Erdag, and F. Arisoy. PIL

CONTAGIOUS BOVINE PLEUROPNEUMONIA

LEMCKE, R.M., and others.*
Immunochemical analysis of Mycoplasma pneumoniae. 2. Properties of chloroform-methanol extract from M. pneumoniae.
Aust. J. Exp. Biol. Med. Sci. 46(2):123-139, 1968.
*P. Plackett, Elizabeth J. Shaw, and B.P. Marmion. PIL

SHIFRINE, M., and MOULTON, J.E.
Infection of cattle with Mycoplasma mycoides by nasal instillation.
J. Comp. Pathol. 78(3):383-386, 1968. PIL

SMITH, G.R.
Factors affecting bacteriaemia in mice inoculated with Mycoplasma mycoides var. mycoides.
J. Comp. Pathol. 78(3):267-274, 1968. PIL

CONTAGIOUS ECTHYMA OF SHEEP

DOWNIE, A.W.
Animal viruses causing minor infections in man.
In: Virus and Rickettsial Dis. of Man, 4th ed., p. 359-363, by Samuel Bedson, and others. London, Arnold, 462 p., 1967. QR 360 B5

JANSEN, J., Sr.
De symptomen van ecthyma der schapen. (Symptoms of contagious ecthyma of sheep.) English summary, p. 695.
Tijdschr. Diergeneesk. 93(11):692-696, 1968. PIL

JANSEN, J., Sr.
Ecthyma in Nederland. (Contagious ecthyma in the Netherlands.) English summary, p. 699.
Tijdschr. Diergeneesk. 93(11):696-699, 1968. PIL

RICHTER, J., and JANSEN, J., Sr.
Over de actieve immunisatie van schapen tegen ecthyma (Een praktijkproef met een onverwarmd en een verwarmd autovaccin). (The active immunisation of sheep against contagious ecthyma (A field-experiment with an unheated and a heated auto-vaccine). English summary, p. 772-773.
Tijdschr. Diergeneesk. 93(12):757-773, 1968. PIL

DUCK PLAGUE

ATA, F.A., DARDIRI, A.H., and BUTTERFIELD, W.K.
Distribution of duck plague virus in embryonating chicken and duck eggs.
Abstr. in: Northeast. Conf. on Avian Dis. 40th, 1968. Storrs, Conn., Univ. Conn., Coll. Agr., 1968. #8068

HESS, W.R., and DARDIRI, A.H.
Some properties of the virus of duck plague.
Arch. ges. Virusforsch. 24(1-2):148-153, 1968. PIL

EAST COAST FEVER

BROCKLESBY, D.W., and BAILEY, K.P.
A mild form of East Coast fever (Theileria parva infection) becoming virulent on passage through cattle.
Brit. Vet. J. 124(6):236-238, 1968. PIL

FOOT-AND-MOUTH DISEASE

AMIGHI, M., and others.*
Sero-neutralisation de sous-types A de virus aphteux sur un systeme cellulaire. Etablissement des relations liant le titre du serum au titre du virus.
English summary, p. 49-50.
Bull. Office Int. Epizoot. 69(1-2):37-51, 1968.
*C. Stellmann, M. Aminzadeh, J. Santucci, M. Hessami, M. Giraud, A. Rafyi, and H. Gilbert. PIL

ANIMAL HEALTH NEWS.
Human foot and mouth disease in Germany.
["...numerous persons have become ill after working in foot and mouth disease vaccine production centers..."]
Anim. Health News 2(6):7, 1968. CIRC.FILE

ARLINGHAUS, R.B., BACHRACH, H.L., and POLATNICK, J.
Site of foot-and-mouth disease virus-ribonucleic acid synthesis and some properties of its double-stranded ribonucleic acid.
Biochim. Biophys. Acta 161(1):170-179, 1968. PIL & #7178

AVILOV, V.S.
Kul'tivirovanie virusa yashchura na perezhivayushchei epitelial'noi tkani krupnogo rogatogoo skota i svinei dlya proizvodstva vaktsiny.
(Cultivation of the foot and mouth disease virus on inoculating epithelial tissue from cattle and swine for the production of vaccine.)
In: Problemy immuniteta sel'dkokhozyaistvennykh zhivotnykh. (Questions of the immunity of farm animals.) Kolos: Moscow. 104-109, 1966.
From: REF ZH BIOL, 1967, No. 8B162.
Biol. Abstr. 49(11):5128(57531), 1968. PIL

FOOT-AND-MOUTH DISEASE

BENDEZU, H.
Foot-and-mouth disease on large livestock farms.
(Sp) Ganad. Andina Voz. Vet. 15(1):18-21, 1965.
English summary.
Cattle in Peru.
Bibliogr. Agr. 32(3):92(25974), 1968. PIL

BRITISH VETERINARY ASSOCIATION.
Report of B.V.A. working party on foot-and-mouth disease.
["...study of the recent epidemic,..."]
Vet. Rec. 82(24):708-709, 1968. PIL

DAVIDSON, R.M.
Evolution of some major epizootic virus diseases.
[Review article.]
New Zeal. Vet. J. 16(4):56-63, 1968. PIL

DAVIES, W.K.D., LEWIS, G.B., and RANDALL, H.A.
Some distributional features of the foot and mouth epidemic.
Nature(Lond.) 219(5150):121-125, 1968. PIL

DOWNIE, A.W.
Animal viruses causing minor infections in man.
In: Virus and Rickettsial Dis. of Man, 4th ed., p. 359-363, by Samuel Bedson, and others.
London, Arnold, 462 p., 1967. QR 360 B5

FELLOWES, O.N.
Comparison of cryobiological and freeze-drying characteristics of foot and mouth disease virus and of vesicular stomatitis virus.
Cryobiology 4(5):223-231, 1968. PIL

HRIB, J., MATUSU, A., and SYKORA, Z.
The effect of the immunization of cattle with saponin vaccine against the foot-and-mouth disease on the organoleptic changes in milk, cream and butter.
(Cz) Veterinarstvi 17(8):355-357, 1967.
Bibliogr. Agr. 32(6):70(57334), 1968. PIL

JANOWSKI, H., and others.*
The survival rate of the swine fever virus (SFV), Aujeszky disease virus (ADV) and foot-and-mouth disease virus (FMDV) in the food-stuff "Sangwinit".
(Pol) Med. Weter. 23(9):519-521, 1967.
English summary.
Formic acid added to blood.
Bibliogr. Agr. 32(5):55(45716), 1968.
*T. Kobusiewicz, J. Wisniewski, K. Wasinski, and T. Wijaszka. PIL

FOOT-AND-MOUTH DISEASE

KASTLI, P., and MOOSBRUGGER, G.A.
La destruction du virus aphteux par la chaleur dans les produits laitiers. (The destruction of foot-and-mouth disease virus by the heat in dairy products.)
English summary, p. 94.
Schweiz. Arch. Tierheilk. 110(2):89-94, 1968. #8057

KURTZE, H.
Beitrag zum Problem der Maul- und Klauenseuche in Algerien. (Contribution to the problem of foot-and-mouth disease in Algeria.)
English summary, p. 301.
Deut. Tierarztl. Wochensch. 73(12):299-301, 1968. PIL

MENCHACA, E.S., and SEQUEIRA, A.S.
Transplacental immunity to foot and mouth disease virus in unweaned mice: correlation and regression.
Revta Fac. Cienc. vet. La Plata 8:13-23, 1966 (Sp.).
Vet. Bull. 38(6):375(2223), 1968. PIL

O.I.E.-F.A.O. ASIAN REGIONAL CONFERENCE ON EPIZOOTICS.
Tokyo, 2-9, October, 1967.
Recommendations.
Bull. Office Int. Epizoot. 69(1-2):352-357, 1968. PIL

PAN AMERICAN HEALTH ORGANIZATION. Washington, D.C.
El problema de la fiebre aftosa en America. (The problem of foot-and-mouth disease in America.)
Typewritten copy, 18 p., [196?] #8055

RAFYI, A., and others.*
Etude a l'Institut Razi des souches de virus aphteux isolees au Moyen-Orient de 1962 a 1967. Incidence sur la lutte anti-aphteuse.
English summary, p. 72.
Bull. Office Int. Epizoot. 69(1-2):57-74, 1968.
*J. Santucci, M. Kaveh, M. Giraud, M. Arshadi, H. Gilbert, M. Amighi, C. Stellmann, B. Mastan, J. Fontaine, M. Aminzadeh, M. Roumiantzeff, A. Chafyi, H. Favre, and M. Hessami. PIL

RIVENSON, S., SEGURA, M., and ZAKIN, M.M.
Antibodies in sheep experimentally infected with or vaccinated against foot and mouth disease.
Revta Fac. Cienc. vet. La Plata 8:53-58, 1966 (Sp.).
Vet. Bull. 38(6):375(2221), 1968. PIL

ROHRER, H.
Foot-and-mouth disease of man.
(Ge) Rev. Roumaine Inframicrobiol. 4(2/3):225-228,1967.
Transmission by cattle.
Bibliogr. Agr. 32(3):95(26064), 1968. PIL

FOOT-AND-MOUTH DISEASE

RUDAKOVA, R.I.
The human reaction to vaccine of foot and mouth disease.
Zh. Mikrob. Epid. Immunobiol. 1:96-97, 1968(R.).
Excerpta Med.(Amst.),Sect.4, 21(7):543(3178),1968. PIL

SHAFYI, A.
pH resistance of foot-and-mouth disease virus and its complement-fixing antigen.
Amer. J. Vet. Res. 29(7):1469-1478, 1968. PIL

SYUSYUKIN, A.A., and others.*
Immunogenic properties of inactivated foot and mouth disease vaccine prepared from tissue-cultured virus.
Veterinariya, Moscow 1967 No. 4:17-18, 1967(R.).
Vet. Bull. 38(6):376(2226), 1968.
*I.K. Kravets, M.S. Syusyukina, N.I. Efimov, V.A. Sergeev, and R.I. Mel'nik. PIL

TRAUB, E., HESSAMI, M., and SHAFYI, A.
Indirect complement fixation in foot-and-mouth disease. I. Study of antibody response in experimental cattle and sheep.
Zentralbl. Veterinarmed., Reihe B 15(4):421-432,1968. PIL

TRAUB, E., HESSAMI, M., and SHAFYI, A.
Indirect complement fixation in foot-and-mouth disease. II. Screening of cattle serums.
Zentralbl. Veterinarmed., Reihe B 15(4):433-442,1968. PIL

WILD, T.F., and BROWN, F.
A study of the physical properties of the immunizing antigen of foot-and-mouth disease virus and the effect of various inactivating agents on its structure.
Arch. ges. Virusforsch. 24(1-2):86-103, 1968. PIL

FOWL PLAGUE

KAPITANCIK, B., and others.*
Action of normal and activated chloramine B on classical fowl plague virus.
Folia vet. 11(1):137-142, 1967 (Slk.e.r.).
Vet. Bull. 38(6):385(2282), 1968.
*J. Tomka, O.J. Vrtiak, and J. Michalov. PIL

ZAVADA, J., and ROSENBERGOVA, M.
Double neutralization of fowl plague virus reproduced in chick myeloblasts.
Acta Virol. 12(3):282-284, 1968. PIL

LOUPING ILL

GORDON, W.S.
Louping ill in animals and in man.
Repr. from: Some Dis. Anim. Commun. to Man in Brit. Proc. Symp. organized by the Brit. Vet. Ass. and the Brit. Small Anim. Vet. Ass., London, 1966. New York, Pergamon Press, 1968. #8066

MacCALLUM, F.O.
Arboviruses.
In: Virus and Rickettsial Dis. of Man, 4th ed., p. 315-358, by Samuel Bedson, and others. London, Arnold, 462 p., 1967. QR 360 B5

O'REILLY, K.J., and others.*
A comparison of methods of measuring the persistence of neutralizing and haemagglutinin-inhibiting antibodies to louping ill virus in experimentally infected sheep.
J. Hyg., Camb. 66(2):217-227, 1968.
*C.E. Gordon Smith, D.A. McMahon, E.T.W. Bowen, and G. White. PIL

RIFT VALLEY FEVER

MacCALLUM, F.O.
Arboviruses.
In: Virus and Rickettsial Dis. of Man, 4th ed., p. 315-358, by Samuel Bedson, and others. London, Arnold, 462 p., 1967. QR 360 B5

RINDERPEST

ADIWINATA, R.T.
Some informative notes on a rinderpest-like disease on the Island of Bali.
Bull. Office Int. Epizoot. 69(1-2):7-14, 1968. PIL

DAVIDSON, R.M.
Evolution of some major epizootic virus diseases. [Review article.]
New Zeal. Vet. J. 16(4):56-63, 1968. PIL

MIKE, T.
Rinderpest.
Bull. Office Int. Epizoot. 69(1-2):17-20, 1968. PIL

O.I.E.-F.A.O. ASIAN REGIONAL CONFERENCE ON EPIZOOTICS.
Tokyo, 2-9, October, 1967.
Recommendations.
Bull. Office Int. Epizoot. 69(1-2):352-357, 1968. PIL

WONGSONGSARN, C., BHUCHONGSMUTTA, C., and DISSAMARN, R.
The eradication and prophylaxis of rinderpest in Thailand.
Bull. Office Int. Epizoot. 69(1-2):23-24, 1968. PIL

SCRAPIE

DICKINSON, A.G., MEIKLE, V.M.H., and FRASER, H.
Identification of a gene which controls the incubation period of some strains of scrapie agent in mice.
J. Comp. Pathol. 78(3):293-299, 1968. PIL

DICKINSON, A.G., and others.*
Some factors controlling the incidence of scrapie in Cheviot sheep injected with a Cheviot-passaged scrapie agent.
J. Comp. Pathol. 78(3):313-321, 1968.
*J.T. Stamp, C.C. Renwick, and J.C. Rennie. PIL

FRASER, H., and DICKINSON, A.G.
The sequential development of the brain lesions of scrapie in three strains of mice.
J. Comp. Pathol. 78(3):301-311, 1968. PIL

MACKAY, J.M.K.
Detection of the scrapie agent in tissues of normal mice.
Nature(Lond.) 219(5150):182-183, 1968. PIL

PALMER, A.C.
Wallerian type degeneration in sheep scrapie.
Vet. Rec. 82(25):729-731, 1968. PIL

SHEEP POX

KRISHNAN, R.
Pathogenesis of sheep pox.
Indian Vet. J. 45(4):297-302, 1968. PIL

TESCHEN DISEASE

MATTHAEUS, W.
Charakterisierung und Fraktionierung von verschiedenen Stammen und Passagen des Virus der ansteckenden Schweinelahmung (Teschener Krankheit) durch Saulenchromatografie und Elektrophorese. [Characterisation and fractionisation of various strains of Teschen virus by column chromatography and electrophoresis.]
English summary, p. 451.
Zentralbl. Veterinarmed., Reihe B 15(4):443-452,1968. PIL

VESICULAR STOMATITIS

DAVID-WEST, T.S., and LABZOFFSKY, N.A.
Studies on the site of replication of vesicular stomatitis virus.
Arch. ges. Virusforsch. 24(1-2):30-47, 1968. PIL

VESICULAR STOMATITIS

FELLOWES, O.N.
Comparison of cryobiological and freeze-drying characteristics of foot and mouth disease virus and of vesicular stomatitis virus.
Cryobiology 4(5):223-231, 1968. PIL

KALISON, S.L., MacINNIS, G.A., and McNEILLY, G.L.
Vesicular stomatitis isolated from eye gnats.
Nat. Anim. Dis. Lab., Diagn. Serv. Newslett., p. 3-4, June 1968. #8071

NAKAI, T., and HOWATSON, A.F.
The fine structure of vesicular stomatitis virus.
Virology 35(2):268-281, 1968. PIL

PRINTZ, P.
Mise au point d'une technique de dosage sur drosophile du virus de la stomatite vesiculaire adapte a cet insecte. (The development of dosage technique on drosophila flies infected by adapted vesicular stomatitis virus.)
English summary, p. 679.
Ann. Inst. Pasteur 114(5):669-679, 1968. PIL

YOUNGNER, J.S., and FEINGOLD, D.S.
Interferon production in mice by cell wall mutants of Salmonella typhimurium.
J. Virol. 1(6):1164-1167, 1967. PIL

MISCELLANEOUS

BASERGA, R.
Biochemistry of the cell cycle: a review.
Cell Tissue Kinet. 1(2):167-191, 1968. PIL

BECKER, Y., and SAROV, I.
Electron microscopy of vaccinia virus DNA.
J. Mol. Biol. 34(3):655-660, 1968. PIL

WALKER, P.M.B.
How different are the DNAs from related animals?
Nature(Lond.) 219(5151):228-232, 1968. PIL

WHITE, R.G.
Antigens and adjuvants: a presidential address.
Proc. Roy. Soc. Med. 61(1):1, 1968.
Foot and Mouth Dis. Bull.(Wellcome Res. Lab.,Kent) 7(6):76, 1968. SF 793 W4

WOODSON, B.
Recent progress in poxvirus research.
Bacteriol. Rev. 32(2):127-137, 1968. PIL